

#5

I identify which transformation

took place for each result: rotation,
translation, reflection, or dilation.

a) $(x, y) \rightarrow (-x, y)$

b) $(x, y) \rightarrow (y, x)$

c) $(x, y) \rightarrow (8x, 8y)$

d) $(x, y) \rightarrow (x+4, y-7)$

e) $(x, y) \rightarrow (\frac{1}{2}x, \frac{1}{2}y)$